

Docket No. 271245US0PCT



JC03 Rec'd PCT/PTO 07 SEP 2005  
MAIL STOP PCT

PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hidetsugu GOTO

SERIAL NO: 10/538,481

GAU:

FILED: June 7, 2005

EXAMINER:

FOR: GENE IMPROVING TEMPERATURE-TOLERANCE OF ACETIC ACID BACTERIUM, ACETIC ACID BACTERIUM BRED USING THE GENE AND PROCESS FOR PRODUCING VINEGAR USING THE ACETIC ACID BACTERIUM

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 271245US0PCT		SERIAL NO. 10/538,481	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Hidetsugu GOTO			
				FILING DATE June 7, 2005		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AO	54-46899	04/13/79	JP(with English abstract)			NO
	AP	60-9488	01/18/85	JP(with English abstract)			NO
	AQ	2002-95493	04/02/02	JP(with English abstract)			NO
	AR	2005-110597	04/28/05	JP(with Partial English translation)			NO
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AS	Shouji OHMORI: "Isolation and Identification of Acetic Acid Bacteria for Submerged Acetic Acid Fermentation at High Temperature", Agric. Biol. Chem., Vol. 44, No. 12, pages 2901-2906, 1980.					
	AT	Thomas J. WHITE: "The polymerase chain reaction", Trends in Genetics, Vol. 5, No. 6, pages 185-189, 1989.					
	AU	Masahiro FUKAYA: "Cloning of the Membrane-Bound Aldehyde Dehydrogenase Gene of Acetobacter polyoxogenes and Improvement of Acetic Acid Production by Use of the Cloned Gene", Applied and Environmental Microbiology, Vol. 55, No. 1, pages 171-176, January 1989.					
	AV	Hajime OKUMURA: "Cloning of the $\beta$ -Isopropylmalate Dehydrogenase Gene from Acetobacter aceti and Its Use for Construction of a New Host-vector System for Acetobacter", Agric. Biol. Chem., Vol. 52, No. 12, pages 3125-3129, 1988.					
	AW	Masahiro FUKAYA: "Improved Transformation Method for Acetobacter with Plasmid DNA", Agric. Biol. Chem., Vol. 49, No. 7, pages 2091-2097, 1985.					
	AX	Kenji TAYAMA: "Transformation of Acetobacter polyoxogenes with Plasmid DNA by Electroporation", Biosci. Biotech. Biochem., Vol. 58, No. 5, pages 974-975, 1994.					
	AY	M. FUJIWARA: "Construction of shuttle vectors and a genetic transformation system for cellulose-producing bacteria: "Acetobacter xylinum", Cellulose, pages 153-158, 1989.					
	AZ	Hiroshi TAKEMURA: "Induction by Ethanol of Alcohol Dehydrogenase Activity in Acetobacter pasteurianus", Journal of Bacteriology, Vol. 175, No. 21, pages 6857-6866, November 1993.					
Examiner				Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Additional References sheet(s) attached

U.S. PCT Application Serial No.: 10/538,481  
Docket No.: 271245US0PCT

#### STATEMENT OF RELEVANCY

- 1) References AO-AQ have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) Reference\_\_\_\_ have been cited in the corresponding \_\_\_\_\_ Search Report. A copy of this reference is being submitted herewith.
- 3) References AR-AZ are discussed in the specification. A copy of these references is being submitted here with.
- 4) Reference \_\_\_\_ is additional prior art known to Applicant. A copy of these references is being submitted herewith.